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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,245	10/30/2003	Kuntal Chowdhury	16149RR	2310
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/698,245

**Applicant(s)**

CHOWDHURY ET AL.

**Examiner**

CongVan Tran

**Art Unit**

2617

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-17 and 20-27 is/are rejected.
- 7) ☒ Claim(s) 18-19 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB-08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 6-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

3. Claims 6-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite in that it fails to point out what is included or excluded by the claim language.

This claim is an omnibus type claim.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-5, 9-17, 21-22, and 25 are rejected under 35 U.S.C. 102(e) as being anticipated by Lewis et al. (2004/0032844).

Regarding claims 1 and 21-22, Lewis discloses a mobile internet protocol network system, comprising the steps of: receiving registration information (see fig.8A, step 802 paragraph [0081]); self-selecting in response to receiving the registration

information (see fig.8A, step 802 paragraph [0081], which is read on " a control node for selecting a foreign agent to service a mobile client's registration request"); and responding to the registration information in response to performing the self-selecting (see fig.8A, step 804 paragraph [0082]).

Regarding claims 2, Lewis further discloses wherein the registration information is RFC 3422 compliant information (see paragraph [0082], which is read on "The registration request message may have a message format described in the RFC 2002; however, different message format may alternatively be used").

Regarding claim 3, Lewis further discloses wherein the registration information comprises timestamp information (see table 15, paragraph [0153]).

Regarding claims 4-5, Lewis further wherein the registration information comprises network access identifier information (see paragraph [0081], which is read on "the registration request message includes the mobile node's information, such as mobile node's home agent data, the radio network's node data, and a request for the mobile node's registration").

Regarding claim 9-11, Lewis further discloses generating a value (see fig.8A, steps 802-806, paragraphs [0081]-[0082]); determining that the value is within a range of numbers (see fig.8A, steps 802-808); and performing the step of responding to the registration information in response to determining that the value is within the range of numbers (see fig.8A, steps 802-814).

Regarding claim 12, 14-15, 17, Lewis further discloses wherein the value is randomly generated (see paragraph [0017] and paragraph [0046]).

Regarding claims 13, 16, and 25, Lewis discloses a mobile internet protocol network system, comprising the steps of: receiving registration information (see fig.8A, step 802, paragraph [0081]); identifying the registration information as a retransmission of a registration request in response to receiving the registration information (see fig.8A, step 804, paragraph [0081]-[0082] and paragraph [0046]); generating a value in response to identifying the registration information as a retransmission of a registration request (see fig.8A, step 804, paragraph [0082] and paragraph [0046]); comparing the value to a predefined range of numbers in response to generating the value (see fig.8A, step 804, 806 paragraph [0082] and paragraph [0046]); and if the value falls within the predefined range of numbers, responding to the registration information (see fig.8A, step 804, paragraph [0082] and paragraph [0046]).

***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 23-24 and 26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lewis et al. (2004/0032844).

Regarding claims 23-24 and 26-26, Since Lewis discloses all the subject matter described in rejected claimed and apparatus is a home agent (see fig.2, Home Agent 26, paragraphs [0003]-[0004] and [0007]). Thus, it would have been obvious to the one having ordinary skill in the art at the time the invention was made to use this technique in wireline or wireless to improve the use of wireless/wireline communication.

***Allowable Subject Matter***

8. Claims 18-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CongVan Tran whose telephone number is 571-272-7871. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/CongVan Tran/  
Primary Examiner, Art Unit 2617